

NO FAULT™ Cushion Court Surface

Product Specification

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By No Fault Service Company, LLC

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ACRYLIC SURFACING FOR TENNIS, BASKETBALL AND MULTI-PURPOSE COURTS

PART 1 GENERAL

1.01 WORK INCLUDED

This work includes furnishing and installing the No Fault Cushion Court Surface along with regulation line striping for the applicable sport and level of competition. The surfacing installer shall be responsible for all labor, materials, tools, equipment, and applicable taxes to perform all work and services for the installation of the surface and line striping only.

1.02 DESCRIPTION OF SYSTEM AND GENERAL CONDITIONS

No Fault Cushion Court Surface shall consist of one layer of black acrylic resurfacer, four layers of latex cushion coating and multiple layers of fortified acrylic color coating. Proper line striping shall be installed once the final fortified color coat has fully cured.

1.03 QUALITY ASSURANCE AND BIDDERS PRE QUALIFICATION

A. Manufacturer/Contractor Pre-Qualifications

1. All bidders must have a current Louisiana Contractor's License (designated for "BUILDING CONSTRUCTION") to qualify for the described work. A copy of the certificate will be submitted to the owner prior to or with bid documents.
2. A list of tennis court projects completed along with a comprehensive outline of the history of the company bidding must be submitted with the bid. List shall include names of project representatives and respective telephone numbers.
3. All bidders must also submit Material Safety Data sheets (MSDS) and Product Data Sheets on all materials.
4. All bidders must be pre-qualified, and ONLY those bids will be considered.

B. Insurance Requirements

1. All bidders must carry minimum insurance of:
 - a) \$1,000,000 General Liability Per Occurrence
 - b) \$2,000,000 General Aggregate
 - c) \$2,000,000 Products Completed Operations
 - d) \$5,000,000 Excess Liability
 - e) \$1,000,000 Workers Comp. & Employers Liability
 - f) \$1,000,000 Automobile Liability (any Auto)
2. A copy of the insurance certificate must be presented to the owner prior to bid date or bid will not be opened or considered.

1.04 SUBMITTALS

- A. One original hard copy of the submittal package will be supplied with additional copies on individual CD's. Upon request only hard copies shall be supplied.
- B. Manufacturer's descriptive data and installation instructions.
- C. A list of all materials and components to be installed, including manufacturer's name, storage requirements, and precautions, and shall state chemical composition and test results to which material has been subjected in compliance with these specifications.
- D. Documentation of Contractor Pre-Qualification and Insurance Requirements, as stated in Section 1.03 Quality Assurance.
- E. A listing of various installations where these or prior approved products proposed for use have been installed. This list shall include owner or purchaser, address of installation, date of installation, contact person, and phone number.
- F. Upon request, a list of all organizations and affiliations of the company offering the product(s).

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1.05 DELIVERY, STORAGE and HANDLING

- A. All materials shall be delivered to the jobsite in sealed containers with the manufacturer's label affixed.
- B. Keep containers tightly closed when not being used.
- C. Do not store in the hot sun and keep from freezing.

1.06 PROJECT SITE CONDITIONS FOR SURFACE APPLICATION

- A. Court surface shall be installed on a dry subsurface, with no prospect of rain within the initial drying period, at temperatures recommended by the manufacturer.
- B. Ambient temperature should be 50°F and rising during installation. Installation in weather condition of extreme heat or cold, and/or high humidity may impact cure time, and/or the structural integrity of the final product. Do not apply if rain is imminent.
- C. Do not apply any materials if surface temperature is less than 60°F or more than 140°F.
- D. Immediate surroundings of the site shall be reasonably free of dust conditions and poor particulate air quality will impact the final surface look.
- E. The manufacturer's installation manager shall reserve the right to control the project schedule installation based on such factors without penalty to No Fault Sport Group, LLC.

1.07 WARRANTY

Surfacing shall maintain required characteristics and be guaranteed against defects in workmanship and material for a period of no less than one (1) year or as specified and agreed upon per contract.

PART 2 PRODUCTS

No Fault Classic Court Surface shall be provided and installed by No Fault Sport Group, LLC, (866-637-7678 www.nofault.com) and its certified installation crews.

NOTE – Other products will only be allowed if prior approved, per Section 2.02 Product Substitutions & Approved Equals.

2.01 MATERIALS

- A. Primer - for new Concrete Substrates only
 - 1. Acid Etching Pre-treatment shall be a self-neutralizing phosphoric acid based surface treatment, especially formulated for acid etching previously uncoated Portland Cement Concrete.
 - 2. Adhesion Primer shall be a two-component, water based, epoxy primer especially formulated to provide an alkali resistant polymeric coating on new concrete substrates.
- B. Acrylic Resurfacer
 - 1. Acrylic filler shall be an asbestos free, pure acrylic latex binder.
 - 2. The acrylic filler shall be 100% acrylic resin, containing no vinyl copolymerization constituent.
 - 3. The acrylic filler shall require only the addition of water and sand (as approved by No Fault Sport Group, LLC) at the jobsite.
- C. Latex Cushion Coating
 - 1. The cushion coating shall be 100% pure Latex and asbestos free.
 - 2. The cushion coating shall be comprised of water, silica, fillers, additives, non-hazardous cured rubber granules, and latex emulsion resin.
 - 1. The latex cushion coating shall require only the addition of water (as approved by No Fault Sport Group, LLC) at the jobsite.
- D. Acrylic Color Coating
 - 1. The acrylic color coating shall be asbestos free, factory-mixed, pigmented latex emulsion resin comprised of water, fillers, silica sand, color additives, as approved by No Fault Sport Group, LLC.
 - 2. The acrylic color coating shall be ready to use and not require the addition of sand or water at the jobsite.
 - 3. Color: The acrylic color coating shall be Green unless otherwise specified by owner or architect.

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- E. Silica sand shall be 60-80 mesh
- F. Line Paint
 - 1. The line paint shall be 100% acrylic emulsion type containing no alkyds, butadiene styrene, or vinyls, and shall be approved by No Fault Sport Group, LLC.
 - 2. Color: All lines will be white unless otherwise specified by owner or architect.

2.02 PRODUCT SUBSTITUTIONS & APPROVED EQUALS

- A. All product substitutions must be submitted for preapproval at least fourteen (14) days prior to bid opening date. A complete submittal package, as outlined in Section 1.03 Submittals, must be provided before a substitute product will be considered for preapproval. If the product submitted for preapproval cannot meet all requirements of the submittal package, it will not be considered.
- B. Once all products submitted for substitution consideration have been reviewed (*at least 10 days prior to bid date*), a list of the approved substitutes will be circulated and made available to bidders.
- C. All products approved for substitution must be installed by a Louisiana company with a current Louisiana Contractor's "BUILDING CONSTRUCTION" License, at or before the bid opening date.

PART 3 EXECUTION

3.01 PRE-INSTALLATION MEETING

- A. To be scheduled and coordinated by the contractor with the owner to outline the scope of work and related time line.

3.02 SURFACE PREPARATION AND SCHEUDLING

- A. Scheduling – No Fault Classic Court Surface shall be installed after all other related work in the area has been completed and is free from pedestrian or other traffic; and under the conditions as outlined in Section 1.06 Project Site Conditions.
- B. Cleaning - The entire subsurface shall be clean, dry and free from any foreign and loose material.
- C. Do not apply over tar emulsion sealers.
- D. Concrete shall cure for a minimum of 28 days and shall not contain curing agents.
- E. Asphalt shall cure for a minimum of 14 days.

3.03 INSTALLATION OF TENNIS COURT SURFACING AND RELATED WORK

- A. Concrete and Surface Primer (for new concrete sub-strates only)
 - 1. Using a neoprene rubber squeegee or approved applicator, apply one (1) coat of acid pre-treatment, diluted one (1) part clean water to four (4) equal parts primer.
 - 2. The acid pre-treatment shall be applied at a rate of 0.01 to 0.012 gallons per square yard.
 - 3. Do not rinse and allow to dry thoroughly.
 - 4. Using a short nap phenolic core roller, or approved applicator, apply a thin wet coat of primer.
- B. Acrylic Resurfacer
 - 1. Acrylic Resurfacer shall be site mixed with 20 – 40 gallons of clear potable water and 600-800 pounds of clean and dry silica sand per each 55 gallon drum.
 - 2. Using a neoprene rubber squeegee, apply a minimum one (1) coat of acrylic resurfacer at a rate of 0.05 to .07 gallons per square yard. NOTE: Owner may elect to have an additional coat applied.
 - 3. Allow each coat to dry and cure thoroughly for a minimum of one (1) hour before applying the color coat. Between each coat, the surface will be inspected for any defects or rough areas. These areas will be repaired along with the entire surface area scraped and cleaned between each coat.

- C. Latex Cushion Coating

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1. The latex cushion coating shall be applied with a 24" or 36" 50-durometer rubber squeegee.
 4. The latex cushion coating may be diluted with water at a rate of 4 parts coating to 1 part water.
 5. With only light pressure to the squeegee, apply 4 coats of the latex cushion coating at a rate of .10 to .11 gallons per square yard per coat.
 1. Extreme care should be taken that ridges are not allowed to form between passes of the squeegee.
 2. Any ridges that do form must be removed by rubbing with a mason stone or heavy sand paper prior to installation of the Acrylic Color Coat.
- D. Acrylic Color Coat
1. At the jobsite, the acrylic color coat shall be mixed one (1) part clean, fresh water to four (4) parts acrylic color.
 2. Using a neoprene rubber squeegee, apply two (2) coats of acrylic color.
 3. The first coat shall be applied at a rate of 0.1 to 0.07 gallons per square yard and the second coat applied at a rate of 0.07 to 0.05 gallons per square yard.
 4. Between each layer or coat, the surface will be inspected for any defects, loose, or rough areas. These areas will be repaired along with the entire surface area scraped and cleaned between each coat.
 5. This final application is to dry thoroughly before regulation white lines are located and painted.
- E. Line Striping
1. The color of the playing lines shall be White and the width shall be two inches (2"), unless otherwise specified by architect or owner.
 2. Locate proper line markings and apply masking tape to sketch playing lines.
 3. Using a paintbrush or roller, apply two (2) coats of acrylic white line paint between the masking tape.
 4. Remove masking tape immediately after lines are dry.

3.04 PROTECTION

- A. The court surface shall be allowed to fully cure in accordance with manufacturer's instructions. The surface shall be protected by the owner from all traffic during the curing period of one (1) week after surface installation and line striping is complete, or as instructed by the manufacturer.
- B. Surface installation crew shall be responsible for the protection of No Fault Court Surface during the installation process. Owner or general contractor shall be responsible for the protection of the surface during the crew's off hours and during the curing period upon completion of the installation.

3.05 CLEAN UP

- A. Manufacturer's installers shall not leave finishes on adjacent surface. Spills of excess finishes shall be promptly cleaned.
- B. Manufacturer's installers shall properly dispose of all material and packing waste before leaving the job site.
- C. Owner or contractor shall be responsible for supplying a dumpster at job site for all waste associated with installation of the court surface.

**FOR SPECIFIC PROJECT SPECIFICATIONS OR OTHER NO FAULT COURT SURFACE APPLICATIONS,
OTHER COLORS OR FOR FURTHER INFORMATION, PLEASE CONTACT:
NO FAULT SERVICE COMPANY, LLC Toll Free 866-637-7678 www.nofault.com**